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United States Department of Agriculture.

SERVICE AND REGULATORY ANNOUNCEMENTS.

BUREAU OF ANIMAL INDUSTRY.

NOVEMBER, 1923.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Granted.

180. Sturdivant Packing Co. (Inc.), Jefferson Street, Brownsville, Tenn.
198. D. Pender Grocery Co., 303–311 Dunmore Street, Norfolk, Va.
343. Mouquin Restaurant & Wine Co. (Ltd.), 468 West Broadway, New York, N. Y.
419–H. The Great Atlantic & Pacific Tea Co. (Inc.), foot of Tivoli Street, Albany, N. Y.
638. Henriques & Bro., 113 Gano Street, Providence, R. I.
*863. United Serum Co., 211 Central Avenue, Kansas City, Kans.

Meat Inspection Extended.

2–YY. Armour & Co., North Adams, Mass., to include Morris & Co. and The North American Provision Co.
183. Foell Supply Co., Chicago, Ill., to include Foell Packing Co.

Meat Inspection Withdrawn.

*80–A. Rohe & Bro., New York, N. Y.
*173–A. Hammond, Standish & Co., Toledo, Ohio.
302. American Cotton Oil Co. and The N. K. Fairbank Co., Gretna, La.
319. The American Cotton Oil Co., The N. K. Fairbank Co., The W. J. Wilcox Lard & Refining Co., The W. J. Wilcox L. & R. Co., W. J. Wilcox & Co., Guttenberg, N. J.
*684. Corn Belt Packing Co., Dubuque, Iowa.
*863. The Stock Yards Packing Co., Kansas City, Kans.
*893. Scott Butter & Provision Co. (Inc.), Norfolk, Va.

* Conducts slaughtering.

Changes in Names of Official Establishments.

*257. Louis Burk (Inc.), instead of Louis Burk, Philadelphia, Pa.
*382. J. M. & P. Scanlan (Inc.), instead of J. M. & P. Scanlan, New York, N. Y.
950. Engel Supply Co. (Inc.), 121–123 Barclay Street, New York, N. Y., instead of The Engel Co.

Changes in Addresses of Officials in Charge.

Dr. W. T. Conway, from New Haven, Conn., to 1204 East End Trust Building, Highland and Penn Avenues, Pittsburgh, Pa.
Dr. E. F. Haven, Jacksonville, Fla., from P. O. Box 359, care Armour & Co., to P. O. Box 2524 (office at Farris & Co., Enterprise Street near Stocton Street).
Dr. J. B. Hill, Bristol, Va., P. O. Box 158, instead of P. O. Box 248.
Dr. J. H. Kitzhofer, New Richmond, Wis., from care Dyson-Meyer Provision Co. to P. O. Box 353 (office at Dyson-Meyer Provision Co.).
Dr. R. M. Mullings, from South St. Paul, Minn., to care Sperry & Barnes Co., Long Wharf, New Haven, Conn.
Dr. E. I. Smith, Nashville, Tenn., from 405 to 401 Seventh Avenue North.
Dr. G. E. Totten, from Pittsburgh, Pa., to 633–634 Live Stock Exchange Building, South St. Paul, Minn.

Stations Added.

Lebanon, Tenn., creamery introduction, L. S. Edwards. (Change address on page 102 from Tupelo, Miss., to Lebanon, Tenn.)
Topeka, Kans., virus-serum control (discontinued as substation of Kansas City, Kans.).

Substation Added.

Brownsville, Tenn., meat inspection, substation of Memphis, Tenn.

Station Discontinued.

Sugar Creek, Ohio, cheese factory introduction.

Substations Discontinued.

Gretna, La., meat inspection, substation of New Orleans, La.
Guttenberg, N. J., meat inspection, substation of New York, N. Y.

Substation Change.

Manhattan, Kans., virus-serum control, substation of Kansas City, Kans., made substation of Topeka, Kans.

Add to Address List.

Alfred L. Baker, Havre Field Station, Havre, Mont.
Dr. James F. Park, care Johnson Serum Co., Crane and Jefferson Streets, Topeka, Kans.
Virgil V. Parr, Seymour, Tex.

Remove from Address List.

R. E. Hardell, Sugar Creek, Ohio.

Corrections in New Directory.

Page 1, cancel Athens, Ga.
Page 5, Dubuque, Iowa, D. H. H. Dell should be Dr. H. H. Dell.
Page 7, add Noblesville, Ind., as a meat-inspection substation of Indianapolis, Ind.
Page 8, Kansas City, Kans., virus-serum control, add: (also conducts meat inspection at Westplains, Mo.)
Page 8, Knoxville, Tenn., G. M. Tovey should be G. N. Tobey.
Page 15, South St. Joseph, Mo., meat inspection, add: Substation: St. Joseph, Mo.
Page 16, cancel Syracuse, N. Y., and Tupelo, Miss.
Page 17, add: Westplains, Mo., meat inspection. See Kansas City, Kans. (virus-serum control).
Page 19, 1–E should read: Armour & Co. and Morris & Co., The North American Provision Co.
Page 21, *2–G, remove asterisk.

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*Conducts slaughtering.

Page 23, 2–WW, cancel Armour & Co. and insert "do." instead.
Pages 30 and 55, 42–C, address should be 1204 Metz street.
Pages 30 and 55, E–55, cancel mail address.
Page 33, *166–A, cancel A before St. Louis and add to number.
Page 34, 181, add: and Purity Sausage Co.
Page 35, 223, address should be 923 C Street NW.
Page 36, *249, Corkran, Hill & Co.'s address is Union Stock Yards, Baltimore, Md.
Page 37, $271 should be *271.
Pages 37 and 81, 277, John J. Felin & Co., add: (Inc.).
Page 38, 298 should be Gust. Juengling & Son Co.
Pages 39 and 61, 368 should be C. A. Freund Packing Co.
Page 39, $342 should be *342.
Page 41, 419–G, insert 419.
Page 42, 475, Isaac Gellis, add: (Inc.).
Page 42, 531, cancel mail address.
Pages 43 and 55, *540 is C. Lehmann Packing Co. (Inc.).
Page 46, 821, insert asterisk before number.
Page 47, 891, cancel line; inspection withdrawn.
Page 47, 898, add mail address: 4201 South Ashland Avenue.
Page 53, *132–F, cancel Lebanon Kosher Wurst Co. and add: Collins Packing Co.
Page 55, drop following numbers one line: 349, 2–G, 2–T, *390, and *125; raise Brooklyn, N. Y., to opposite Alporke Packing Co.
Page 57, Camden, N. J., 113 should be opposite P. D. Hughes Co.
Page 57, Chicago, drop *1 one line to opposite Armour & Co. instead of opposite Chas. Wolff Packing Co.
Page 60, Chicago, insert 827 in number column opposite Sacramento Valley Association.
Page 60, change 247–B, opposite Southern Cotton Oil Co., to 248–B.
Page 61, Cincinnati, change *688–J to *688.
Page 66, Grand Forks, N. Dak., change 75 to *969 as number of The Northern Packing Co.
Page 66, Green Bay, Wis., insert 75 as number of Acme Packing Co.
Page 72, Memphis, Tenn., F. Cudahy Packing Co. should be: 19–F, Cudahy Packing Co.
Page 75, New Orleans, La., insert asterisk before 362.
Page 83, Providence, R. I., 70, Estate of L. A. Debroisse, add: mail, P. O. Box 306.
Page 85, Richmond, Va., insert asterisk before 923–A.
Page 92, Williamstown, Mass., is substation of Albany, N. Y.
Page 98, Fort Worth, Tex., should be dropped down opposite 158, Globe Laboratories.
Page 101, Dr. E. P. Barnhard should be Barnhart.
Page 101, Dr. E. W. Bartholt should be Barthold.
Page 106, add G. N. Tobey, Knoxville, Tenn.
Page 106, Dr. E. P. Schaffer should be Schaffter.

NOTICES REGARDING MEAT INSPECTION.

APPROVAL OF LABELS AND OTHER MARKINGS ON MEAT AND PRODUCTS.

In continuation of the steps recently taken with the view to simplifying the approval of labels and other markings on meat and products, the following procedure supplementing that outlined in Service and Regulatory Announcements of August and October, 1923, is authorized:

The approval of markings such as labels (including craft sheets), stencils, and box dies, applied to shipping containers, may be considered as being in blanket form with reference to the number, size, and description of the units contained in such shipping containers. For example, the approval of a label bearing the statement "2 Doz. Tins No. 1" authorizes the use of a duplicate or proportionately enlarged label bearing the statement "12 Jars No. 2," "12 Medium Pails," "Six Large Pails," etc.

The substitution on labels and other markings of such abbreviations as "lbs." in lieu of "pounds," "ozs." in lieu of "ounces," "est." in lieu of "establishment," the addition or omission of the letters "U. S. A.," and the application of such qualifications as "Contents," "Minimum weight," "Not less than," etc., in addition to the figures denoting the weight or in substitution for other qualifications pertaining to the weight, do not necessitate independent approval of materials. Conversely, the substitution of the complete word "pounds," "ounces," or "establishment" in lieu of the abbreviation, the omis-

sion of all qualifications in connection with the weight, or the substitution of the words "Net weight" in lieu of such qualifications as "Minimum weight," etc., do not require independent approval. It should be understood, however, that this does not apply to the omission or addition of the statement of weight as a whole, and therefore the approval of labels which do not bear the statement of weight does not authorize the use of labels on which the statement of weight is applied, since it is essential for the bureau to pass upon the location and prominence of this feature.

When any of the unessential qualifications above referred to are applied to labels or other materials they shall be so located as not to obscure the establishment number or encroach on the inspection legend or the name of the product.

The correction of labels by obliterating the statement of weight or any other features requires independent submission of such corrected materials for approval.

M. I. FORMS 124-B AND 124-BB.

A recent survey discloses that M. I. Forms 124-B and 124-BB revised are not desired by many of the establishments. Inspectors in charge are therefore directed to render these forms only to such establishments as request them.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, OCTOBER, 1923.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Baltimore	9,073	1,384	5,634	1	114,789
Brooklyn	7,327	5,845	26,678	.....	.....
Buffalo	10,924	3,803	9,302	.....	93,366
Chicago	211,137	47,545	251,014	405	683,214
Cleveland	10,496	7,870	12,745	.....	114,153
Fort Worth	50,533	52,725	11,079	540	34,943
Jersey City	5,622	10,841	31,922	.....	82,995
Kansas City	139,925	47,908	104,805	460	361,956
National Stock Yards	49,924	9,211	20,665	478	158,424
New York	31,548	39,770	133,023	115	92,705
Omaha	80,802	9,353	130,293	2	168,232
Philadelphia	10,590	6,155	17,081	71	121,143
St. Louis	18,777	3,630	5,193	45	160,054
Sioux City	26,637	2,202	13,177	11	123,123
South St. Joseph	36,487	6,935	61,731	252	140,464
South St. Paul	50,820	42,846	45,367	.....	265,936
All other establishments	202,173	118,365	166,530	1,078	1,612,454
Total: October, 1923	952,795	416,388	1,046,239	3,458	4,327,951
October, 1922	883,949	382,837	981,232	4,241	3,331,587
10 months ended October, 1923	7,560,648	3,805,715	9,635,640	19,763	42,089,271
10 months ended October, 1922	7,039,658	3,525,212	9,189,117	12,979	33,594,187

Horses slaughtered at all establishments, 383. Inspections of lard prepared at all establishments, 149,658,731 pounds; compound and other substitutes, 31,269,705 pounds. Corresponding inspections for October, 1922: Lard, 130,828,203 pounds; compound and other substitutes, 34,659,040 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during October, 1923, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico	12,508	.....	3,490	6
Canada	18,560	248	8,405	.....
Great Britain	25	.....	.....	.....
Total: October, 1923	31,093	248	11,895	6
October, 1922	39,931	700	12,956	4
10 months ended October, 1923	128,380	2,038	39,271	140
10 months ended October, 1922	220,422	2,197	78,806	7,565

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Argentina	286,560	4,820	397,977	114,164	803,521
Australia	3,633	.....	.....	.....	3,633
Brazil	500	5,570	.....	.....	6,070
Canada	2,724,510	629,292	13,575	26,190	3,393,567
Uruguay	30,666	.....	325,818	.....	356,484
Other countries	.....	3,217	65,176	14,036	82,429
Total: October, 1923	3,045,869	642,899	802,546	154,390	4,645,704
October, 1922	10,467,130	1,398,337	359,789	119,146	12,344,402
10 months ended October, 1923	11,147,474	9,080,347	10,039,193	980,152	31,247,166
10 months ended October, 1922	22,307,038	16,310,924	4,647,815	1,052,955	44,318,732

Condemned in October, 1923: Beef, 260 pounds. Refused entry: Beef, 280 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name.	Signature.
ARGENTINA.	
Casiano B. Pereyra	
BRAZIL.	
Francisco Fragoso Filho	
ENGLAND.	
W. Stott	

NAMES REMOVED FROM LIST.

The following names have been dropped from the department's list of foreign officials authorized to sign and issue meat-inspection certificates for meat and meat food products exported to the United States, their authority having been revoked by their national government:

CANADA.

Bishop, H. H.
Boast, Chas. R.
Chagnon, Mathias
Coleman, N. J.
Fradette, J. W. H.
Cunningham, J. R.
Frechette, J. L.
Gibson, S. J.
Gleason, J. L.
Hobbs, Arthur
Jull, G. N.
Lay, R. H.
Lundie, A. Compton
Morrow, J. J.
Nesbitt, J. E.
Olsen, N. P.
Ormiston, R. R.
Richardson, C. H.
Robertson, D. M.
Stanley, G. E.
Stuart, J. M.
Wallace, C. L.
Watt, Herbert J.
White, J. B.
Zinck, K. D.

ARGENTINE MEAT-INSPECTION CERTIFICATE.

The accompanying reproduction represents the form of the approved official meat-inspection certificate of the Argentine Republic, acceptable under the provisions of B. A. I. Order 211 (revised), Regulation 27, section 5, paragraph 5.

REPÚBLICA ARGENTINA

MINISTERIO DE AGRICULTURA DE LA NACIÓN

DIRECCIÓN GENERAL DE GANADERIA

Exportación a los Estados Unidos de Norte América

CERTIFICADO DE INSPECCIÓN DE CARNE Y SUS DERIVADOS COMESTIBLES

(1) _____

_____

Se certifica por el presente que la carne y derivados comestibles de la misma, detallados en este certificado, proceden de animales (2) _____ *que han sido sometidos a inspección sanitaria veterinaria nacional, antes, durante y después de faenados y que dicha carne y derivados alimenticios han sido encontrados en perfectas condiciones higiénicas y buenas en absoluto para el consumo humano. Se certifica también que no contienen ni han sido tratados con ningún preservativo, materia colorante, ni otras sustancias algunas prohibidas por los reglamentaciones vigentes de la Inspección de Carnes del Ministerio de Agricultura de los Estados Unidos de América.*

Marcas de identificación en las carnes o los bultos:

_____

_____

Remitente _____

Procedencia _____

Vapor _____ *Destino* _____

Consignatario _____

Marcas de embarque _____

_____

_____

Detalle del cargamento:

_____

_____

_____

_____

_____

_____

_____

(3) _____

(4)

(1) Lugar y fecha en letras.
(2) Especie de ganado.
(3) Firma del funcionario nacional autorizado.
(4) Sello de la Dirección General de Ganadería.

PERMITTED DISINFECTANT.

In accordance with the provisions of the department's regulations governing the interstate movement of livestock (B. A. I. Order 273), the bureau has granted permission for the use of "Anchor Brand Cresol Compound," manufactured by The Antiseptic Products Co., 3101 Walnut Street, Denver, Colo., as a saponified cresol solution, in the general disinfection of cars, yards, and other premises.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, OCTOBER, 1923.

State.	Tuberculin tests.			Total once-tested free herds.	Total accredited herds.	Total herds under supervision.	Inspector in charge.	State official.
	Herds or lots.	Cattle tested.	Cattle reacted.					
Ala.	108	2,231	15	1,746	139	1,871	R. E. Jackson	C. A. Cary, Auburn.
Ariz.	(1)	(1)	(1)	1,135	.....	1,344	F. L. Schneider	S. E. Douglas, Phoenix.
Ark.	11	389	3	278	45	351	L. E. Lyons	J. H. Bux, Little Rock.
Calif.	56	5,113	46	1,902	19	2,087	R. Snyder	J. P. Iverson, Sacremento.
Colo.	69	1,144	27	133	11	163	W. E. Howe	C. G. Lamb, Denver.
Conn.	242	5,065	1,126	1,056	298	1,450	R. L. Smith	J. M. Whittlesey, Hartford.
Del.	110	1,079	120	1,165	653	2,418	W.G. Middleton	O. A. Newton, Bridgeville.
D. C.	.....	.....	.....	270	10	288	J. A. Kiernan	
Fla.	159	2,267	2	4,517	215	5,455	J. G. Fish	J. V. Knapp, Tallahassee.
Ga.	83	3,415	15	2,833	46	3,220	A. L. Hirleman	P. F. Bahnsen, Atlanta.
Idaho	214	3,617	29	11,041	123	12,849	W. A. Sullivan	W. R. Smith, Boise.
Ill.	3,379	33,096	1,377	1,177	509	18,609	J. J. Lintner	F. A. Laird, Springfield.
Ind.	1,866	17,624	323	19,678	4,160	26,421	E. B. Haskin	R. C. Julien, Indianapolis.
Iowa	3,389	47,560	882	6,153	2,500	11,296	J. A. Barger	P. Malcolm, Des Moines.
Kans.	669	7,596	143	995	760	1,936	N. L. Townsend	J. H. Mercer, Topeka.
Ky.	680	6,425	31	16,897	254	20,395	W. F. Biles	W. H. Simmons, Frankfort.
La.	169	1,573	13	1,416	150	1,940	A. F. Staub	E. P. Flower, Baton Rouge.
Me.	965	6,999	77	14,598	1,092	16,281	J. B. Reidy	H. M. Tucker, Augusta.
Md.	276	3,773	255	2,606	727	5,092	T. A. Ladson	James B. George, Baltimore.
Mass.	103	1,825	328	279	102	408	E. A. Crossman	L. H. Howard, Boston.
Mich.	4,050	34,016	496	35,275	408	41,621	T. S. Rich	H. W. Norton, jr., Lansing.
Minn.	478	11,231	385	5,364	3,075	9,849	W. J. Fretz	C. E. Cotton, St. Paul.
Miss.	74	1,548	37	411	138	706	H. L. Fry	H. Chadwick, Jackson.
Mo.	859	13,852	98	39,309	638	40,920	Ralph Graham	H. A. Wilson, Jefferson City.
Mont.	612	9,045	76	14,852	144	15,694	J. W. Murdoch	W. J. Butler, Helena.
Nebr.	9	235	3	11,858	387	14,035	C. H. Hays	L. R. Cantwell, Lincoln.
Nev.	106	1,232	15	1,701	15	1,695	F. E. Murray	Edward Records, Reno.
N. H.	271	3,087	296	1,718	310	2,567	E. A. Crossman	A. L. Felker, Concord.
N. J.	150	2,644	333	387	187	881	W.G. Middleton	J. H. McNeil, Trenton.
N. Mex.	(1)	(1)	(1)	1,682	3	1,888	F. L. Schneider	Mat Keenan, Albuquerque.
N. Y.	3,514	65,604	10,425	16,685	1,619	20,812	H. B. Leonard	H. J. Henry, Albany.
N. C.	3,053	7,403	34	74,075	58	80,231	A. J. De Fosset	Wm. Moore, Raleigh.
N. Dak.	629	9,180	69	7,018	1,538	10,215	H. H. Cohenour	W. F. Crewe, Bismarck.
Ohio	1,787	12,904	360	6,334	1,222	8,660	Paul Vaughn	F. A. Zimmer, Columbus.
Okla.	53	2,669	21	228	379	700	L. J. Allen	J. A. Whitehurst, Oklahoma.
Oreg.	1,314	11,937	134	16,939	302	17,756	S. B. Foster	W. H. Lytle, Salem.
Pa.	583	7,327	364	6,807	2,196	10,562	P. E. Quinn	T. E. Munce, Harrisburg.
R. I.	4	130	.....	23	17	53	E. A. Crossman	T. E. Robinson, Providence.
S. C.	181	1,378	12	731	132	3,682	W. K. Lewis	W. K. Lewis, Columbia.
S. Dak.	71	2,446	12	308	287	635	J. O. Wilson	A. E. Beaumont, Pierre.
Tenn.	610	4,116	2	584	319	12,498	E. I. Smith	W. B. Lincoln, Nashville.
Tex.	187	2,119	5	176	139	438	H. Grafke	L. G. Cloud, Forth Worth.
Utah	86	835	2	7,556	100	8,375	F. E. Murray	A. J. Webb, Salt Lake City.
Vt.	383	8,023	434	1,066	2,071	5,110	L. H. Adams	E. S. Brigham, Montpelier.
Va.	668	5,338	49	993	1,061	2,309	R. E. Brookbank.	J. G. Ferneybough, Richmond.
Wash.	1,070	8,297	137	17,787	137	18,669	J. C. Exline	L. C. Pelton, Olympia.
W. Va.	193	2,835	28	4,055	418	3,854	George W. Neff.	J. H. Stewart, Charleston.
Wis.	2,893	46,610	857	3,717	3,967	8,381	J. S. Healy	John D. Jones, Madison.
Wyo.	21	426	1	4,431	9	5,023	John T. Dallas	A. W. French, Cheyenne.
Total	36,457	427,258	19,497	371,945	33,089	481,693		

[1] Report not received.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

License issued.

License No.	Date.	Name and address of firm.	Products.
17	Nov. 9, 1923	Beebe Laboratories (Inc.), Larpenteur Avenue, White Bear car line, St. Paul, Minn.	Abortion bacterin mixed (bovine); abortion vaccine (bovine); anti-calf-scour serum; anti-canine distemper serum; anti-equine influenza serum; anti-hemorrhagic septicemia serum (for cattle); anti-hemorrhagic septicemia serum (for sheep); anti-hemorrhagic septicemia serum (for swine); anti-pig dysentery serum; blackleg aggressin; blackleg filtrate; blackleg vaccine; calf scour bacterin (mixed); canine distemper bacterin (mixed); equine influenza bacterin (mixed); hemorrhagic septicemia bacterin (for cattle); hemorrhagic septicemia bacterin (for fowls); hemorrhagic septicemia bacterin (for sheep); hemorrhagic septicemia bacterin (for swine); hemorrhagic septicemia vaccine (for cattle); mallein; mastitis bacterin mixed (for cattle); mixed infection bacterin (for cattle); mixed infection bacterin (for rabbits); mixed infection bacterin (for swine); navel ill bacterin mixed (for colts); normal horse serum; pig dysentery bacterin (mixed); polyvalent bacterin mixed (canine); polyvalent bacterin mixed (equine); tetanus antitoxin; tuberculin.

License terminated.

U. S. Veterinary License No. 10–A, issued April 25, 1922, to the United Serum Co., 101 St. Clair Avenue, East St. Louis, Ill., was terminated November 27, 1923.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER U. S. VETERINARY LICENSE IN OCTOBER, 1923.

Serum			Virus.	
Ordinary.	Clear.	Total.	Simultaneous.	Hyperimmunizing.
C. c. 59,141,059	*C. c.* 18,813,727	*C. c.* 77,954,786	*C. c.* 6,032,572	*C. c.* 14,909,345

AMENDMENT TO FISCAL REGULATIONS.

TRAVELING EXPENSES.

By memorandum No. 457 of the Office of the Secretary, effective July 16, 1923, paragraph 33 (*k*) of the Fiscal Regulations of the department is amended to read as follows:

33. *Actual traveling expenses.*

(*k*) When specifically authorized actual operating expenses (gasoline and oil), or mileage rates not exceeding 3 cents per mile for a motor cycle and 7 cents per mile for an automobile, for the use of personally owned vehicles in official work. Each account covering actual operating charges or mileage rates should be supported by a certificate setting forth (*a*) date of travel, (*b*) points between which performed, (*c*) actual number of miles traveled, (*d*) hour of departure from and arrival at official station, (*e*) that the distances stated are to the best of the employee's knowledge and belief correct and that no public or regular means of transportation could be used as advantageously in the interest of the Government. Certificates covering actual operating charges should indicate in addition (*f*) that the charges for gasoline and oil were arrived at by actual measurement at both the beginning and end of the official trip, and those covering mileage rates should show (*g*) the rate per mile and total charge. In addition to actual operating expenses (gasoline and oil), employees using their own vehicles in official work may be reimbursed for storage charges when storage becomes

necessary at points other than official headquarters, and necessary tolls and ferry charges. Where it becomes necessary, by reason of breakdowns, impassable roads, or miring to have vehicles towed partly, or under extraordinary corcumstances, entirely to destination, reimbursement may be made for reasonable expense of such towage, but all such charges must be fully explained and each case will be considered on its merits. Employees operating personally owned vehicles on a mileage basis will not be reimbursed in addition for storage, tolls, ferry or towage charges.

AUTOMOBILE EQUIPMENT.

In order to secure uniformity of equipment and to reduce correspondence, the following accessories are considered standard equipment for bureau-owned automobiles and may be purchased under letter of authorization: Locks to prevent theft of car or extra tires, speedometer, tool box, nonskid chains, mirror, wind-shield cleaner, radiator and hood covers, and carrier for extra tire.

Contemplated purchases of other accessories or additional equipment, not as replacements of equipment ordinarily furnished with the particular car when new, should be referred to the Washington office for approval.

RESULTS OF PROSECUTIONS FOR VIOLATION OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock Quarantine Law.

C. E. Bogle, driving cattle interstate without inspection, dipping and certifition, $10 fine.

Chicago, Milwaukee & St. Paul Railway, failure to mark waybill "Tuberculous cattle," $100 fine.

Chicago, Rock Island & Pacific Railway Co. (2 cases), interstate movement of infectious car without cleaning and disinfection, $200 fines.

Michigan Central Railroad Co., interstate movement of infectious car without cleaning and disinfection, $100 fine.

Minneapolis & St. Louis Railroad Co., failure to mark waybill "Tuberculous cattle," $100 fine.

St. Louis Southwestern Railway Co., failure to mark waybill "Southern cattle," $100 fine.

Benjamin B. Baer, interstate transportation of dairy cattle without tuberculin test, $150 fine.

Twenty-Eight-Hour Law.

Atlantic Coast Line Railroad Co. (3 cases), $300 fines.

Chesapeake & Ohio Railway Co., $100 fine.

Chicago, Burlington & Quincy Railroad Co. (6 cases), $600 fines.

Cincinnati, New Orleans & Texas Pacific Railway Co., $100 fine.

Louisville & Nashville Railroad Co. (6 cases), $600 fines.

Missouri, Kansas & Texas Railway, Chas. E. Schaff, Receiver (6 cases), $600 fines.

Missouri Pacific Railroad Co. (3 cases), $300 fines.

New York Central Railroad Co., $200 fine.

St. Louis-San Francisco Railway Co. (2 cases), $200 fines.

Meat-Inspection Law.

Armour & Co., Pittsburgh, Pa., offering uninspected meat for interstate shipment, $150 fine.

Empire Packing Co., Chicago, Ill., using second-hand containers bearing marks of Federal inspection, $50 fine.

NEW PUBLICATIONS OF THE BUREAU.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Department Bulletin 1190. Effect of Feeding Green Alfalfa and Green Corn on Flavor and Odor of Milk. By C. J. Babcock, Dairy Division. Pp. 12, figs. 3.

Department Bulletin 1208. Effect of Feeding Turnips on the Flavor and Odor of Milk. By C. J. Babcock, Dairy Division. Pp. 8, figs. 2.

Farmers' Bulletin 781 (revised). Tuberculosis of Hogs. By John R. Mohler, Chief of Bureau, and Henry J. Washburn, Pathological Division. Pp. 18, figs. 3.

Farmers' Bulletin 1068 (revised). Judging Beef Cattle. By E. H. Thompson, Animal Husbandry Division. Pp. 18, figs. 9.

Farmers' Bulletin 1069 (slight revision). Tuberculosis in Livestock: Detection, Control, and Eradication. By John A. Kiernan and Alexander E. Wight, Tuberculosis Eradication Division. Pp. 32, figs. 21.

Farmers' Bulletin 1350. Beef-Cattle Barns. By E. W. Sheets, Animal Husbandry Division, and M. A. W. Kelley, Bureau of Public Roads. Pp. 17, figs. 16.

Farmers' Bulletin 1363. Natural and Artificial Incubation of Hens' Eggs. By Alfred R. Lee, Animal Husbandry Division. Pp. 18, figs. 5. (A revision of Farmers' Bulletin 585.)

Directory of the Bureau of Animal Industry. Corrected to October 1, 1923. Pp. 107.

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